

allow

IN THE CLAIMS:

Please amend claims 9, 10 and 16-19 as follows:

9. **(Thrice Amended)** A fiber drum comprising:

a roll of paper having an axis, two open ends and an outer straight cylindrical circumferential surface, plural wound layers with a cured adhesive between said plural wound layers, and a pressed curled portion at each of said two open ends such that each of said pressed curled portions is more dense than said plural wound layers, each of said pressed curled portions having an outer circumferential surface, wherein each of said pressed curled portions is angled radially outwardly relative to said outer straight cylindrical circumferential surface of said roll of paper such that said outer straight cylindrical circumferential surface of said roll of paper forms an angle with said outer circumferential surface of each of said pressed curled portions that is greater than 0° and less than 180° and faces away from said axis of said roll of paper, and wherein each of said pressed curled portions is formed by inwardly curling an edge of each of said two open ends while the adhesive between said plural wound layers is in a non-cured state;

a paper material cover plate detachably joined to said pressed curled portion at one of said two open ends such that the opening at said one of said two open ends is closed; and

a paper material bottom plate fixedly joined to said pressed curled portion at the other of said two open ends such that the opening at said other of said two open ends is closed.

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10. (Thrice Amended) A fiber drum comprising:

a roll of paper having an axis, two open ends and an outer straight cylindrical circumferential surface, plural wound layers with a cured adhesive between said plural wound layers, and a pressed curled portion at each of said two open ends such that each of said pressed curled portions is more dense than said plural wound layers, each of said pressed curled portions having an outer circumferential surface, wherein said pressed curled portion at one of said two open ends is angled radially outwardly relative to said outer straight cylindrical circumferential surface of said roll of paper such that said outer straight cylindrical circumferential surface of said roll of paper forms an angle with said outer circumferential surface of said pressed curled portion at said one of said two open ends that is greater than 0° and less than 180° and faces away from said axis of said roll of paper, and wherein each of said pressed curled portions is formed by inwardly curling an edge of each of said two open ends while the adhesive between said plural wound layers is in a non-cured state; ✓

a paper material cover plate detachably joined to said pressed curled portion at said one of said two open ends such that the opening at said one of said two open ends is closed; and

a paper material bottom plate fixedly joined to said pressed curled portion at the other of said two open ends such that the opening at said other of said two open ends is closed, wherein said pressed curled portion at said other of said two open ends is formed by inwardly curling said edge of said other of said two open ends together with a circumferential edge of said paper material bottom plate, while the adhesive between said plural wound layers is in a non-cured state, to fixedly join said edge of said other of said two open ends to said paper material bottom plate.

16. **(Amended)** The cylindrical body as recited in claim 9, wherein each of said pressed curled portions includes an inner circumferential surface defining a line that is tangent thereto and parallel to said axis of said roll of paper, and wherein said roll of paper has an inner cylindrical surface defining a line that is parallel to said axis of said roll of paper, with a radial distance between the line that is tangent to said inner circumferential surface of a respective said curled portion and the line defined by the inner cylindrical surface of said roll of paper being no greater than 1mm.

17. **(Amended)** The cylindrical body as recited in claim 16, wherein the line that is tangent to said inner circumferential surface of a respective said curled portion is not radially further from said axis of said roll of paper than is the line defined by the inner cylindrical circumferential surface of said roll of paper.

18. **(Amended)** The cylindrical body as recited in claim 10, wherein said curled portion at said one of said two open ends includes an inner circumferential surface defining a line that is tangent thereto and parallel to said axis of said roll of paper, and wherein said roll of paper has an inner cylindrical surface defining a line that is parallel to said axis of said roll of paper, with a radial distance between the line that is tangent to said inner circumferential surface of said curled portion at said one of said two open ends and the line defined by the inner cylindrical surface of said roll of paper being no greater than 1mm.

19. **(Amended)** The cylindrical body as recited in claim 18, wherein the line that is tangent to said inner circumferential surface of said curled portion at said one of said two open ends is not radially further from said axis of said roll of paper than is the line defined by the inner cylindrical circumferential surface of said roll of paper.

Kindly add the following new claims 20-28:

20. The cylindrical body as recited in claim 6, wherein said pressed curled portion is defined by an end portion of said roll of paper which is curled upon itself such that a first portion of an inner surface of said roll of paper contacts a second portion of said inner surface of said roll of paper.

21. The cylindrical body as recited in claim 20, wherein said pressed curled portion is free of any support ring located between said first portion of said inner surface of said roll of paper and said second portion of said inner surface of said roll of paper.

22. The cylindrical body as recited in claim 6, wherein said pressed curled portion is free of any interior support ring.

23. The fiber drum as recited in claim 9, wherein each of said pressed curled portions is defined by a corresponding end portion of said roll of paper which is curled upon itself such that a corresponding first portion of an inner surface of said roll of paper contacts a corresponding second portion of said inner surface of said roll of paper.

24. The fiber drum as recited in claim 23, wherein each of said pressed curled portions is free of any support ring located between said corresponding first portion of said inner surface of said roll of paper and said corresponding second portion of said inner surface of said roll of paper.

25. The fiber drum as recited in claim 9, wherein each of said pressed curled portions is free of any interior support ring.

26. The fiber drum as recited in claim 10, wherein said pressed curled portion at said one of said two open ends is defined by an end portion of said roll of paper which is curled upon itself such that a first portion of an inner surface of said roll of paper contacts a second portion of said inner surface of said roll of paper.

27. The fiber drum as recited in claim 26, wherein said pressed curled portion at said one of said two open ends is free of any support ring located between said first portion of said inner surface of said roll of paper and said second portion of said inner surface of said roll of paper.

28. The fiber drum as recited in claim 10, wherein said pressed curled portion at said one of said two open ends is free of any interior support ring.